

Summary of the disclosure

An absolute measuring system for the determination of angles or paths is described.

During normal operation the encoder of this system is fed by a voltage supply

- 5 (mains). If the voltage supply fails the encoder is switched to an auxiliary power supply which uses less energy. In this operating mode the encoder only calculates a coarse value of the measured value which it stores in the memory.

To maintain the auxiliary power supply a chargeable memory is provided which is assigned to the encoder.

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